

ABSTRACT OF THE DISCLOSURE

Method and apparatus for implanting radially expandable prostheses in the body lumens rely on tacking or anchoring of the prostheses with separately introduced fasteners. The prostheses may be self-expanding or balloon expandable. After initial placement, a fastener applier system is introduced within the expanded prostheses to deploy a plurality of fasteners at at least one prosthesis end, usually as each end of the prosthesis. The fasteners are usually helical fasteners which are delivered from a helical track in the fastener applier by rotation with a rotator wire. The fasteners will be applied singly, typically in circumferentially spaced-apart patterns about the interior of each end of the prosthesis.